Plugged & Abandoned 5-__-61

FILE NOTATIONS

Entered in N I D File	✓	Checked by Chief	RLB
Entered On S R Sheet		Copy N I D to Field Office	
Location Map Pinned	✓	Approval Letter	Jan Unit
Card Indexed	✓	Disapproval Letter	
I W R for State or Fee Land			

COMPLETION DATA:

Date Well Completed 10-4-61 — Location Inspected

OW ____ WW ____ TA ____ — Bond released

SI GW ✓ OS ____ PA ____ — State of Fee Land

LOGS FILED Well History - duplicate copy

Driller's Log 10-25-61

Electric Logs (No.) 2

E ____ I ____ E-I ✓ GR ____ GR-N ____ Micro ____

Lat ____ Mi-L ____ Sonic ✓ Others ____

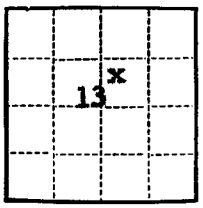
LO

CHD
07/23/92

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60

Salt Lake City, Utah



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office U-08512
Lease No. Ute Trail
Unit DeKalb, et al # 14

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 26, 19 61

Well No. 14 is located 1996 ft. from [N] line and 1335 ft. from [E] line of sec. 13

SWNE of Sec. 13 (¼ Sec. and Sec. No.) T-10-S, (Twp.) R-22-E (Range) S. L. B. M. (Meridian)

Wildcat (Field) Uintah (County or Subdivision) Utah (State or Territory)

Will run when rig is on location.

The elevation of the derrick floor above sea level is ..... ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We pan to drill to an estimated total depth of 5500 feet with Rotary tools. Drill with water and mud to test the Wasatch formation. Cores and tests will be dependent upon oil and gas shows. We will drill 13-3/4" hole and ream to 17" hole to 150', set 13-3/8" Surface casing, cement with 175 sacks, drill 11" hole set 2000' of 8-5/8", if needed, cement with 200 sacks, drill 7-7/8" hole, set 5-1/2", cement with 400 sacks.

Perforate and frac as conditions warrant. Spud in the Uintah formation, Top of the Green River 850', Top of the Wasatch 4125'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.

Address Box 523

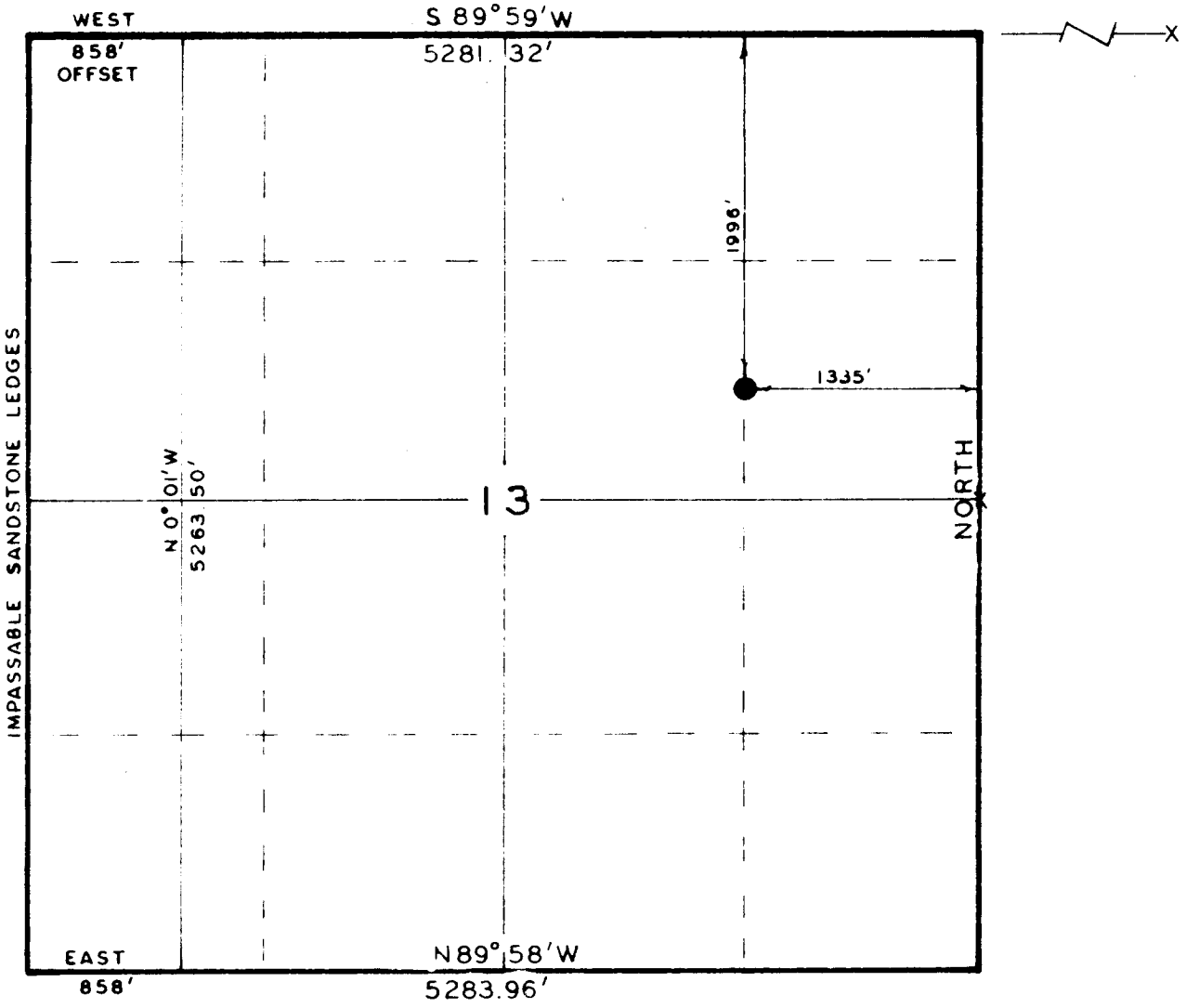
Vernal, Utah

By M. O. Johnson

Title Geologist

GPO 862040

T10S, R22E, SLB&M



X = Corners Located (stone)

Scale: 1" = 1000'

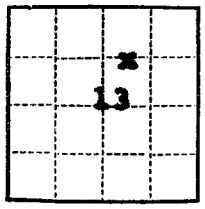
By ROSS CONSTRUCTION CO.
Vernal, Utah

Nelson J. Marshall

PARTY Nelson J. Marshall Lanny Taylor WEATHER Fair. Hot	**SURVEY** DEKALB AGRICULTURAL ASSOCIATION INC. LOC. UTE TRAIL NO. 14, LOCATED AS SHOWN IN THE S 1/2, NE 1/4, SEC. 13, T10S, R22E, SLB&M. UINTAH COUNTY, UTAH.	DATE 7/12/61 REFERENCES GLO Township plat Approved May 27, 1905 FILE DEKALB

FORM 5002

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake City
Lease No. U-08512
Unit Ute Trail
DeKalb Et al # 14

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	X
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 14, 1961

Well No. 14 is located 1996 ft. from {N/S} line and 1335 ft. from {E/W} line of sec. 13

SW SE Sec. 13 (¼ Sec. and Sec. No.) | T-10-S, R-22-E (Twp.) (Range) | S.L.B.M. (Meridian)

Wildcat (Field) | Uintah (County or Subdivision) | Utah (State or Territory)

The elevation of the derrick floor above sea level is ..... ft. will submit when run

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

8-12-61 T.D. 15" hole 175'
Ran 5 Jts. 10-3/4", 32.75#, H-40 csg 261' set at 274'K.B.
Cemented with 150 sacks regular cement with 2% CaCl.

8-13-61 W.O.C. Nipped up B.O.P. tested casing held 1000 psig 30 minutes.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.

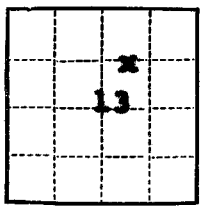
Address P. O. Box 523
Vernal, Utah

By F. F. Tabbert

Title Drilling Superintendent

GPO 862040

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake City
Lease No. U-08512
Unit Ute Trail
DeKalb Et al # 14

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	X
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NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 14, 19 61

Well No. 14 is located 1996 ft. from {N/S} line and 1335 ft. from {E/W} line of sec. 13

SW NE Sec. 13 (¼ Sec. and Sec. No.) | T-10-S, R-22-E (Twp. / Range) | S.L.B.M. (Meridian)

Wildcat (Field) | Uintah (County or Subdivision) | Utah (State or Territory)

The elevation of the derrick floor above sea level is ..... ft. will submit when run

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

8-12-61 T.D. 15" hole 175'
Ran 5 Jts. 10-3/4", 32.75#, H-40 csg 261' set at 274'K.B.
Cemented with 150 sacks regular cement with 2% CaCl.

8-13-61 W.O.C. Nipped up B.O.P. tested casing held 1000 psig 30 minutes.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.

Address P. O. Box 523

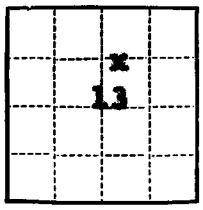
Vernal, Utah

By J. F. Paddock

Title Drilling Superintendent

GPO 862040

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake City
Lease No. U-08512
Unit Ute Trail
DeKalb Et Al # 14

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	X
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 14, 1961

Well No. 14 is located 1996 ft. from {N/S} line and 1335 ft. from {E/W} line of sec. 13

SW NE Sec. 13 (¼ Sec. and Sec. No.) T-10-S, R-22-E (Twp. / Range) S.L.B.M. (Meridian)

Wildcat (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the ~~derrick floor~~ Ground Level above sea level is 5311 ft. G.L.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

8-10-61 Spud well at 9:00 P.M.

8-13-61 T.D. 15" hole 175'
Ran 5 Jts. 10-3/4", 32.75#, H-40 csg 161' set at 174' K.B.
Cemented with 150 sacks regular cement with 2% CaCl.

8-13-61 W.O.C. Nipplied up B.O.P. tested casing held 1000 psig 30 minutes.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DeKalb Agricultural Assn., Inc.

Address P. O. Box 523

Vernal, Utah

By J. F. Faddock

Title Drilling Supt.

GPO 862040

DEKALB

Agricultural Association Inc.
COMMERCIAL PRODUCERS AND DISTRIBUTORS OF AGRICULTURAL PRODUCTS

U. S. Oil Division
P. O. BOX 523
VERNAL, UTAH
TELEPHONE 1073

August 17, 1961

Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

RE: Ute Trail Unit # 14
Utah 08512
SW NE 13, T10S, R22E

Gentlemen:

Please find attached "Sundry Notices and Reports on Wells" which will reflect the correct depth and the amount of 10-3/4" casing in the above referred to well. We regret the oversight which permitted the 100' error shown on the Sundry Notice previously submitted.

Yours very truly,

DEKALB AGRICULTURAL ASSN., INC.
U. S. Oil Division

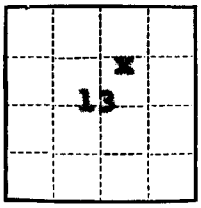
J. F. Tadlock
Drilling Supt.

JFT/da
Encl.

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake City
Lease No. U-08512
Unit Ute Trail



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	X
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 22, 1961

Well No. 14 is located 1996 ft. from {N/S} line and 1335 ft. from {E/W} line of sec. 13

SW NE Sec. 13 (¼ Sec. and Sec. No.) T-10-S. (Twp.) R-22-E (Range) S.L.B.M. (Meridian)

Wildcat (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5311 ft. Ground Level

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

September 21, 1961 Total Depth 5534'

Ran 171 Joints J-55, 15.50#, 5-1/2" casing 5521' set at 5534' K.B. Cement with 350 sxs 50-50 Poz mix with 4% Gel plug down at 2:45 A.M. 9-21-61. Held 1200 psig 8 hours. Top of cement by temperature survey 3327'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.

Address P. O. Box 523

Vernal, Utah

By J. F. Faddoch

Title Drilling Supt.

GPO 862040

Budget Bureau No. 42-R356.5.
Approval expires 12-31-60.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah
LEASE NUMBER
UNIT Ute Trail Unit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Ouray and Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1961,

Agent's address P. O. Box 523
Vernal, Utah

Company DeKalb Agricultural Assn., Inc.

Signed J. F. Faulconb

Phone 1073

Agent's title Drilling Supt.

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NENE 8	10S	22E	1	-0-	-0-	-0-	-0-	-0-	-0-	Shut In
NENE 17	10S	22E	2	-0-	-0-	-0-	-0-	-0-	-0-	Shut In waiting on additional Compl.
NENE 16	10S	22E	3	-0-	-0-	-0-	-0-	-0-	-0-	Shut In
NENE 27	9S	20E	4	-0-	-0-	-0-	-0-	-0-	-0-	Shut In
NENE 23	9S	20E	5	-0-	-0-	-0-	-0-	-0-	-0-	Shut In
NENE 24	9S	20E	6	-0-	-0-	-0-	-0-	-0-	-0-	Shut In
NENE 4	10S	22E	7	-0-	-0-	-0-	-0-	-0-	-0-	Shut In
NWNW 22	10S	22E	8	-0-	-0-	-0-	-0-	-0-	-0-	Shut In
NESW 6	10S	22E	9	-0-	-0-	-0-	-0-	-0-	-0-	Shut In
NESW 34	9S	21E	10	-0-	-0-	-0-	-0-	-0-	-0-	Shut In waiting on Additional Compl.
NESW 25	9S	21E	11	-0-	-0-	-0-	-0-	-0-	-0-	Shut In
SWNE 13	10S	22E	14	-0-	-0-	-0-	-0-	-0-	-0-	T. D. 5534' Set 5-1/2" at 5534' Perforated 5483' to 5498' -4 per ft. Sand water frac, prep to flow back & clean up
SWNE 1	10S	22E	15	-0-	-0-	-0-	-0-	-0-	-0-	Spud 2:00 A. M. 9-28-61, Set 10-3/4" Surface at 173' K. B. P. D. 4:00 A. M. W. O. C.

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

16—25766-8 U. S. GOVERNMENT PRINTING OFFICE

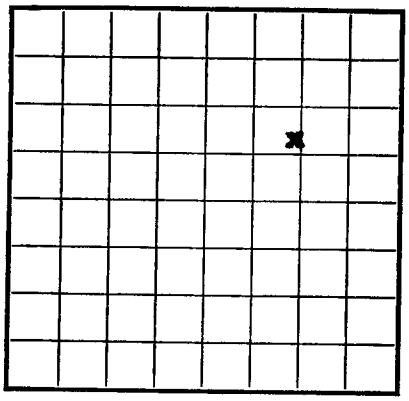
Form 9-330

Budget Bureau No. 42-R355.4. Approval expires

U. S. LAND OFFICE Salt Lake City

SERIAL NUMBER U-08512

LEASE OR PERMIT TO PROSPECT Ute Trail Unit



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company DeKalb Agricultural Assn. Address P. O. Box 523, Vernal, Utah

Lessor or Tract Ute Trail Unit Field Wildcat State Utah

Well No. 14 Sec. 13 T. 10S R. 22E Meridian SLBM County Uintah

Location 1996 ft. {N./S.} of N Line and 1335 ft. {E./W.} of E Line of Section 13 Elevation 5309 D.F.
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed W. F. Paddock

Date October 23, 1961 Title Drilling Supt.

The summary on this page is for the condition of the well at above date.

Commenced drilling August 10, 1961 Finished drilling September 20, 1961

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 5394 to 5405 No. 4, from ____ to ____

No. 2, from 5478 to 5501 No. 5, from ____ to ____

No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from 3756 to 3836 No. 3, from ____ to ____

No. 2, from ____ to ____ No. 4, from ____ to ____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
10-3/4	32.75	8rd		174' KB	Opened				Surface
5-1/2	15.50			5534 KB	Guide Float		5483	5498	Gas Product.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	174' KB	150 sxs regular	pump & plug	Water	Hole Full
5-1/2	5534 KB	350 sxs 50-50 poz mix and 4% gel	pump & plug	10.2#	Hole Full

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____

Adapters—Material ____ Size ____

SHOOTING RECORD

FOLD | MARK

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Welex	Sidewinder Jets		4/ft.	9-30-61	5483-5498	5519' K.B.

TOOLS USED

Rotary tools were used from Surface feet to 5537 feet, and from ____ feet to ____ feet

Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

October 5, 1961 — Put to producing Shut in October 4, 1961

The production for the first 24 hours was ____ barrels of fluid of which ____% was oil; ____% emulsion; ____% water; and ____% sediment.

Gravity, °Bé. ____

If gas well, cu. ft. per 24 hours 5000 MCFGD — Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

Larry Caldwell, Driller — Claude Leiferte, Driller

Paul Schulz, Driller — W. Jacoby, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION	
Surface	770'	770'	Uintah Formation	Log Tops
770'	4046'	3276'	Green River Formation	770'
4046'	5537'	1491'	Wasatch Formation	4046'
			Total Depth 5537'	

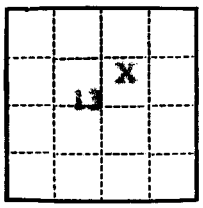
FORMATION RECORD—Continued

16—43094-5

OCT 30 1961

Form 9-331a
(Feb. 1961)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-08512
Unit Ute Trail
DeKalb, et al # 14

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
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NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 23, 19 61

Well No. 14 is located 1996 ft. from {N} line and 1335 ft. from {E} line of sec. 13

SWNE Section 13 (¼ Sec. and Sec. No.) T-10-S (Twp.) R-22-E (Range) S. L. B. M. (Meridian)

Wildcat (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5311 ft. Ground Level

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total depth 5534' K. B. Perforated 4 shots per foot on 9-30-61, interval of 5483' to 5498'. On Oct. 1, 1961, treated interval 5483' to 5498' with 11,700 gal. treated water, 5 gal C-2, 432# J-101, fluid additive, 7,200# Sand, 300# Crushed Walnut Hulls. Breakdown pressure 2300#, broke to 2000#, Max. Pressure 3300# Injection rate 25 bbls. per minute. Flush with 4600 gal. Flowed to clean up after frac.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.

Address BOX 523

Vernal, Utah

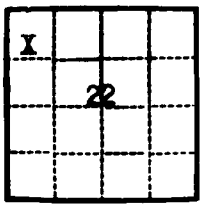
By J. F. Faulconer

Title Drilling Supt.

GPO 862040

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-01198-A
Unit Ute Trail Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 23, 1964

Well No. 8 is located 660 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 22

NW¼ Sec. 22 (¼ Sec. and Sec. No.) | 10-S (Twp.) | 22-E (Range) | SLBM (Meridian)

Bitter Creek (Field) | Uintah (County or Subdivision) | Utah (State or Territory)

The elevation of the derrick floor above sea level is 5172 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is intended to plug and abandon this well, will move over well with pulling unit, pull tubing set cast iron retainer at 4500' squeeze across wasatch perforations 4664-4980. Set additional cement plugs as shown below, set a minimum of 4' iron location marker above G.L. clean up, level and abandon location. No casing salvage planned.

Plugging Program DISREGARD (SEE LETTER DATED 6-13-64)

Plug #1 150 SXS reg. cemt. squeezed across perforations, W/15 SXS 100' on top of retainer.
Plug #2 25 SXS Reg. 950'-750'
Plug #3 15 SXS Reg. cemt. 100-0'
Plug #4 100 SXS Reg. cemt. squeezed between 5½ csg. & 13 3/8" csg.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSOCIATION, INC.

Address P.O. Box 523

Vernal, Utah

By J.F. TADLOCK

Title Production - Drilling Supt.

APPROVED BY UTAH OIL AND GAS CONSERVATION COMMISSION

DATE: 5-4-64 by Paul W. Burchell

CHIEF PETROLEUM ENGINEER

(Approval conditional upon attached letter)

GPO 862040

OPERATOR: DEKALB GRICULTURAL ASSN., INC.

LEASE: U-08512

WELL: UTE TRAIL UNIT # 14

LOCATION: 1996' FNL, 1335' FEL of Sec. 13, T-10-S, R-22-E, (S.L.B.M.) Uintah County, Utah

ELEVATION: 5311 G. L., 5321' K. B.

COMMENCED: August 10, 1961 9:00 A. M.

SET SURFACE: August 12, 1961 7: 20 A.M.

FROM UNDER SURFACE: August 15, 1961

REACHED T.D. September 20, 1961

COMPLETED: October 5, 1961

CASING: SURFACE: 10-3/4", 32.75#, H-40 csg set at 174' K.B. w/150 sxs Reg. cement plus 2% Ca Cl
PRODUCTION: 5-1/2", 15.50#, J-55 csg set at 5534' K.B. w/350 sxs, 50-50 poz-mix, plus 4% gel.

PERFORATIONS: 5483 to 5498' w/4 Welex Sidewinder Jet shots per foot.

PRODUCTION 5,000 MCFGD, CAOF

CONTRACTOR: MIRACLE-WOOSTER DRILLING COMPANY

TYPE RIG: WILSON MOGUL SUPER 42

HOLE SIZE: Drilled 7-7/8" hole from 177 to 5534 feet

ELECTRIC LOG FORMATION TOPS:

Uintah Formation	Spudded in
Green RiverFormation	1190'
Wasatch Formation	4046
Total Depth	5037'

LOGS:

Schlumberger	Induction-Electric	173' to 5536'
"	Sonic Gamma Ray Caliper	1000' to 5532'
"	Temperature Survey	3000' to 5518'
"	Gamma Ray Correlation	3000' to 5512'
Continental Laboratories	Portable Mud Logger	3050' to 5534'

DRILLING TIME: One foot drilling time was mechanically maintained by means of a Geolograph Recorder.

SAMPLE PROGRAM: One set of wet samples was caught at 10 foot intervals and sacked in cloth bags.

CORES: No cores were cut.

DRILL STEM TESTS: No tests were taken due to the condition of the drilling rig.

MUD PROGRAM: Fresh water was used from under surface to 796 feet. Mudded up at 796 feet in order to carry lost circulation material. Lost mud several times, consequently drilled with mud and water through the 796 to 1800 feet. Drilled with mud from 1500 feet to total depgh. Used a low solids type mud with the following average charateristics: Weight 9.8 to 10 lb/gel, viscosity 48, water loss 6.5 cc, PH 9.5, Oil Content 8%.

LOST CIRCULATION: Severe zones of lost circulation were encountered at 775, 1252, 1345, 1443 and 1460 feet. All the above mentioned zones were cemented with a mixture of regular cement with 6% gel, 35# per sack fine gilsonite, 1/4# per sack flocele added.

WATER FLOWS: Asmall water flow was noticed while making a trip at 1998' The flow probably occured from several fractured zones 1940 to 1990 feet.

SHOWS OF OIL OR GAS: Residual tarry gilsonite to live brown oil shows were noted in the Green River brown dolomitic oil shales. Very scattered poor staining was noted in some of the sandstones. Small logger"kicks" were recorded through the Wasatch sands encountered between 4200 and 5300 feet. Two zones, 5393 to 5406, and 5478 to 5501 were indicated to be gas productive from mud logger kicks and log analysis.

COMPLETION PROCEEDURE: Zone 5483' to 5498': treated with 750 gallons MCA Acid (15%) Let set over zone of perforation prior to frac. Fraced with 11,700 gallons treated water, 7200# 20/40 sand, 300# 12/20 walnut hulls. Break down pressure 2300 psi. treating pressure 3100 to 3300 psi. Average injection rate 26.3 bbls/min. Flushed with 4600 gallons water. Immediate shut in pressure 1500 psi, 10 minute shut in 1500 psi.

400-420	Shale light gray, gray, green-gray, sub-fissle to blocky, slightly calcareous with scattered interbedded siltstone and sandstone streaks.
420-470	Siltstone, sandstone light gray, light gray-tan, very fine to fine grained argillaceous slightly calcareous and shale, gray, very light gray trace light gray-tan, very limy siltstone.
470-500	Siltstone, light gray-tan, tan, very light red-tan, vefy firm, limy, micro-micaceous, argillaceous.
500-600	Shale purple-red, red-brown, green, firm, blocky with very silty streaks, trace micro mica, very calcareous.
600-630	Shale purple-red, red-brown, green, gray-green, light gray, very firm, calcareous, slightly micro-micaceous with very silty streaks, trace sandstone , light gray, white, very fine grained, calcareous.
630-650	Shale as above becoming predominate light gray, light gray-green.
650-670	Shale light gray, gray, firm, blocky calcareous trace pyrite.
670-680	Shale as above with fair trace gray-tan, tan, blocky, calcareous, shale.
680-700	Shale as above with fair traee gray-tan, tan, blocky, calcareous shale, trace siltstone and sandstone white, very fine grained, calcareous.
700-750	Shale light gray, light gray-green, firm, blocky, calcareous, with scattered silty streaks, trace sandstone, white very fine grained calcareous micro-micaceous, trace black carbonaceous flecks.
750-760	Shale as above with fair trace sand, medium grained, clear frosted, white, light pink, amber quartz grains.
760-770	Sand sandstone, light gray, fine to medium grained, angular to sub-rounded, clear frosted, occasional very light pink very light amber quartz grain, unconsolidated, trace light gray, light green-gray shale.
770-800	Shale light gray, light gray-green, light gray-tan, firm, blocky, very calcareous, very slightly silty, fair trace gilsonite.
800-850	Squeezed lost circulation zone at with shale as above with trace gilsonite with cement.
950-900	Shale light green, purple-red, green-purple, very light gray-green, very firm, blocky, calcareous micro-micaceous scattered interbedded silty and sandy streaks.
900-980	Interbedded siltstone, sandstone white, very light gray, very fine to medium grained, calcareous, argillaceous and shale light gray, green-gray micro-micaceous, trace pyrite.

980-1000	Interbedded sandstone and shale as above with trace very light tan, very light gray-tan limestone, occasional trace light oil stain.
1000-1060	Interbedded siltstone, sandstone very light gray white, very fine to fine grained, calcareous, and shale very light tan-gray, very light gray, calcareous firm, trace limestone, tan, micro-xln. occasional trace light tan oil stain.
1060-1100	Sandstone, white, light gray, fine to coarse grained, angular to sub-rounded, clear frosted quarts grains, occasional trace white, light gray chert grains, micaceous, calcareous firm, tite occasional trace porosity trace interbedded light gray shale.
1100-1120	Siltstone, sandstone white, very light gray, fine to coarse grained, angular to sub-rounded, clear frosted, with occasional trace very light pink white quarts grains, trace very light gray, tan, white, chert grains, micaceous slightly calcareous, trace black to brown carbonaceous flecks, very firm to friable, with scattered trace very poor to fair porosity, occasional trace light tan oil stain.
1120-1150	Siltstone, sandstone as above becoming more silty and argillaceous.
1150-1190	Siltstone, light gray-tan, very argillaceous and shale light gray, very light gray-tan, slightly calcareous silty, trace black to brown carbonaceous flecks, occasional trace brown oil stain.
1190-1200	Shale light gray-tan, very light gray-brown, fàrm, blocky, dolomitic, slightly micro-micaceous.
1200-1260	Shale light gray-tan, very light gray-brown, very light tan, very dolomitic, very firm, blocky, slightly micro-micaceous. trace pyrite scattered trace dark brown oil stain, slightly musty odor.
1260-1300	Shale as above, lost circulation cavings - poor sample.
1300-1370	Shale light gray-brown, gray-tan, brown, tan, very dolomitic, very firm, blocky, occasional trace pyrite rare trace brown oil stain.
1370-1400	Shale as above becoming lighter in color, trace cement and gilsonite from lost circulation squeeze.
1400-1460	Shale light gray-brown, tan, brown, very dolomitic, very firm, blocky, with occasional trace honey combed shale trace calcareous, filled veinlets.
1460-1500	Shale as above with trace gilsonite and cement from squeeze job, very poor samples.
1500-1600	Shale light to dark brown, tan, gray-tan, gray-brown, dolomite, firm, blocky with considerable cement and gilsonite ah 1500 to 1520'.
1600-1700	Shale, light to dark tan, brown, gray-brown, gray-tan, earthy very dolomitic, very firm, blocky, with scattered brown oil saturated streaks, trace nohculite, calcite very slightly musty odor.
1700-1780	Shale light to dark tan, brown, gray-brown, gray-tan, earthy, very dolomitic, very firm streaks blocky with scattered.

cont'd

1700-1780	Brown oil streaks trace pyrite, calcareous.
1780-1800	Shale light tan to brown, dolomitic, firm to soft, pliable, good oil stain.
1800-90	Shale light to very dark tan, gray-tan, earthy, sub-waxy lustre, dolomite, firm to soft pliable scattered fair oil stain and saturated slightly musty odor.
1890-1900	Siltstone, very light gray, very light gray-tan, dolomite, micro-micaceous, very hard, tite.
1900-1930	Siltstone, very light gray, very light gray-tan, dolomite, micro-micaceous, very hard, tite, very scattered light tan oil stain, trace light tan, den dolomite.
1930-2000	Dolomite, light tan, very light gray-tan, crypto-xln, slightly argillaceous den hard tite with scattered trace mica, manganese, trace tan to brown, sub-waxy, oil shale.
2000-2020	Shale light to dark brown, tan, gray-tan, very firm, blocky, dolomitic scattered trace sub waxy, soft oil shale, trace light tan, crupto xln, dolomite.
2020-2030	Shale as above with trace light tan, light gray, dolomite, siltstone,
2030-2050	Shale as above becoming predominately shale light gray, gray, very dolomitic, very firm, blocky, slightly micro-micaceous, trace very light cream-tan, dolomite inclusions.
2050-2090	Dolomite, light gray, gray, crypto xln, den tite, slightly argillaceous trace tan, cream-tan, dolomite inclusions.
2090-2100	Dolomite, light tan, cream-tan, den firm, tite with inter-bedded tan, brown, gray-brown, sub-waxy, dolomite, firm shale.
2100-2130	Dolomite, light tan, cream-tan, crypto xln, den, tite, with interbedded tan, brown, gray brown, sub-waxy, dolomite, firm, to pliabel shale very scattered trace oil stain, trace pyrite, occasional trace light gray, den argillaceous, dolomitic.
2130-2160	Shale light tan to dark tan, brown, gray-brown, sub-waxy, very dolomitic, very firm, blocky with scattered trace cream tan, crypto xln, dolomite.
2160-2170	Same as above with trace siltstone, light tan, very light gray, calcareous very firm, tite very scattered trace oil stain.
2170-2190	Same as above with trace micro oolitic limestone, with scattered brown oil stain.
2190-2200	Dolomite, light gray, cream-gray, cream-tan, crypto xln, slightly argillaceous, very hard tite.
2200-2240	Shale, tan, to brown, gray-tan, gray-brown, very dolomitic, very firm, blocky with very scattered brown oil stain trace pyrite.
2240-2260	Shale as above with considerable, brown to tan, gray, dolomite, firm shale,
2260-2300	Shale as above with considerable brown to tan, gray, dolomite, firm shale, trace cream tan, dolomite.

2300-2330	Interbedded shale, light gray, firm, calcareous sub-fissle, to blocky and sandstone, white, very light gray, very fine to fine grained, calcareous, slightly micro-micaceous trace black micro-oolites, friable with fair porosity trace brown, sub-waxy, dolomite, shale.
2330-2360	Shale light gray, firm, slightly calcareous, slightly micro-micaceous, with trace interbedded sandstone white very fine grained calcareous slightly micro-micaceous.
2360-2400	Dolomite, cream-tan, very light tan, crypto to micro-xln, micro-fragment, firm, den tite, with scattered trace pin point vug. porosity very occasional trace brown oil stain, trace brown tan, very dolomitic shale.
2400-2470	Dolomite cream-tan, very light tan, crypto to micro-xln, slightly ostracodal trace oolites firm, den with very scattered trace succrosic porosity, trace brown oil stain, trace tan to brown, sub-waxy oil shale.
2470-2490	Shale light gray, calcareous, firm, blocky, with very scattered silty streaks, trace dolomite as above.
2490-2500	Shale, light gray, light gray-tan, very ddomitic firm, blocky, with scattered silty streaks.
2500-2520	Shale, light gray, light gray-tan, very dolomitic firm, blocky, with very scattered silty streaks, with trace dolomite, cream tan, cream-gray, crypto to xln, to micro-ostracodal and oolitic.
2520-2530	Dolomitic limestone, limestone, white, cream-white, crypto to micro-xln, very ostracodal, slightly oolitic firm, tite.
2530-2540	Shale, light gray, light gray-green, calcareous, very firm, sub-fissle, slightly micro-micaceous, with very scattered silty streaks.
2540-2550	Shale as above with scattered silty and sandy stringers containing black carbonaceous inclusions, and rare trace brown oil stain, trace gray-tan, dolomite shale.
2550-2660	Shale gray-tan, tan, sub-waxy, dolomite, very poor sample.
2560-2580	Sandstone, white, fine grained, very calcareous, clean well sorted, trace very poor porosity, trace light gray silty shale.
2580-2600	Sandstone as above with increase in shale, trace light gray-tan, dolomitic shale, trace cream-tan, den dolomitic limestone.
2600-2650	Shale, light gray, light tan-gray, firm, blocky very silty, trace light gray argillaceous, dolomitic occasional trace cream-tan, den, dolomite.
2650-2670	Shale as above with fair trace sandstone, white, very light gray, very fine to fine grained calcareous, very scattered trace micro oolites, trace very light tan limy streaks.
2670-2700	Sandstone, very light gray, white, fine grained, very calcareous well sorted, trace very poor porosity, trace micro-oolites trace gray shale.
2700-2750	Sandstone, very light gray, very light tan-gray, very fine to fine grained, very calcareous, fairly clean, well sorted, slightly micro oolites and micaceous, very firm to friable, weak trace very poor porosity, trace light gray slightly micaceous, shale.

2750-2770	Sandstone as above with considerable interbedded micro to large cream to black oolites trace interbedded tan limy streaks, firm, tite.
2770-2780	Limestone cream, cream-tan, micro-xln, micro-oolitic to large oolites, slightly ostracodal with sandy streaks.
2780-2790	Sandstone very likght gray, very light tan, fine grained, very calcareous well sorted, slightly micro-micaceous and micro oolitic firm to friable with very scattered trace fair porosity.
2790-2800	Sandstone as above becoming silty.
2800-2830	Siltstone, sandstone, very light gray, very light gray-tan, very fine grained, very calcareous, slightly micro-oolitic trace gray, firm, shale.
2830-2870	Shale, light gray, light gray-tan, dolomitic, firm, blocky, with very silty streaks, trace sandstone as above.
2870-2880	Dolomite, dolomitic limestone, tan to brown, den very argillaceous, trace gray-brown, gray-tan, dolomitic, shale.
2880-2890	Shale, gray-brown, gray-tan, brown, fissle to blocky, dolomite, sub-waxy, trace dolomite.
2890-2900	Shale as above with trace dolomitic limestone, gray to tan, oolitic, ostracodal trace brown oil stain.
2900-2930	Shale, gray, light gray, gray-tan, firm, blocky calcareous, with interbedded streaks, sandstone, light gray micro oolitic, den tite, trace silty streaks.
2930-2940	Shale as above with trace dolomite, gray-tan, micro xln, micro-micaceous, very argillaceous.
2940-2950	Limestone dolomitic limestone, cream-tan, very light tan, micro-xln, micro-succrosic, slightly ostracodal and oolitic trace pin point vug. porosity, and succrosic porosity, occasional rare trace brown oil stain weak trace shale as above.
2950-2980	Siltstone, sandstone, very light gray-tan, very fine grained, very calcareous, slightly oolitic and ostracodal trace pyrite. trace gray shale, trace cream-tan, dolomitic limestone.
2980-3000	Sandstone, very light gray-tan, very light tan, very fine to fine grained, very calcareous, slightly micro-micaceous, trace very poor porosity, trace cream-tan, dolomitic limestone.
3000-3030	Sandstone, very light gray, very light gray-white, very fine to fine grained, very calcareous, slightly micro-micaceous, with interbedded gray to cream oolitic ostracodal limestone streaks, trace very poor porosity, trace light gray shale.
3030-3100	Sandstone and limestone as above becoming more shaly and silty.
3100-3130	Siltstone, sandstone light gray, white, very light gray very calcareous, firm, tite, with interbedded thin tan oolitic-ostracodal limestone streaks, trace shale light gray, light green-gray, firm, blocky calcareous slightly micro-micaceous.
3130-3150	Shale, light gray, light green-gray, firm, blocky calcareous, slightly micro-micaceous, trace siltstone, and sandstone as above trace gray-tan, tan, dolomite, sub-waxy shale.

3150-3200	Siltstone, sandstone, white very light gray, very fine to fine grained, very calcareous, trace micro-oolites, micro-micaceous firm, tite, trace shale.
3200-3280	Interbedded siltstone, sandstone white, light gray, very fine to fine grained, very calcareous, slightly micro-micaceous and shale, light gray, light green-gray, firm, calcareous, micro-micaceous occasional brown carbonaceous streaks, occasional oolitic limy streaks.
3280-3300	Shale, light to dark gray, gray-green, firm, blocky, slightly calcareous, with occasional scattered silty streaks.
3300-3340	Shale, light gray, light gray-tan, waxy lustre, sub-fissle, calcareous trace light tan, cream-tan, limy streaks, occasional trace oolites with ostracoda.
3340-3400	Shale as above with trace sandstone white, very light gray, very fine grained calcareous.
3400-3430	Shale brown, gray-brown, tan, gray-tan, waxy, sub-fissle, dolomite, elastic with scattered very dolomitic streaks.
3430-3440	Shale as above with considerable gray, green-gray, calcareous blocky, shale.
3440-3450	Sandstone, light tan, very fine to fine grained, slightly micro-micaceous, slightly calcareous, with very poor porosity good even light brown oil stain, trace light gray siltstone, gray shale.
3450-3460	Sandstone as above becoming predominate shale light gray, gray-tan, gray-brown, sub-waxy, dolomite, firm, blocky slightly micro-micaceous.
3460-3470	Siltstone, sandstone, very light gray, light gray-white, very fine grained, very calcareous micro-micaceous, very firm, tite no show with interbedded shale, gray, gray-green, sub-waxy, sub-fissle, calcareous, trace pyrite.
3470-3500	Shale, gray, gray-green, light gray very light gray-tan, sub-waxy, calcareous, slightly micro-micaceous with scattered silty and sandstone inclusions.
3500-3510	Shale as above with scattered silty and sandy streaks.
3510-3520	Shale, light gray, gray-tan, gray-brown, waxy, dolomite, with occasional trace brown oil stain, trace very light tan dolomite.
3520-3530	Shale, light gray, green-gray, blocky, calcareous.
3530-3600	Shale, brown, tan, waxy, dolomite.
3600-3650	Shale, light to very dark brown, tan, waxy, dolomite elastic.
3650-3690	Shale as above with trace dolomitic limestone, limestone light tan, cream-tan, argillaceous very fossil trace pyrite oolites.
3690-3700	Siltstone, sandstone white, very light gray, very fine to fine grained, calcareous, micro-micaceous, with shale light gray, gray, gray-tan.
3700-3750	Interbedded siltstone, sandstone white light gray, very fine to fine grained, calcareous and shale light gray-tan, brown, light gray, sub-waxy calcareous.
3750-3760	Siltstone, sandstone, white, light gray, very fine to fine

3750-3760	grained, calcareous, and trace shale, light gray-tan, brown
3760-3780	Shale gray, green-gray, firm, slightly calcareous, with trace interbedded sandstone, white, very light gray, very fine to fine grained, calcareous.
3780-3800	Shale as above with good trace sandstone white, very fine to fine grained, calcareous slightly micaceous firm, tite.
3800-3870	Shale, light gray, gray, green-gray, slightly calcareous, slightly micro-micaceous, with silty streaks, trace sandstone white very light gray, very fine to fine grained, calcareous, slightly micro-micaceous, firm, tite, trace coal.
3870-3880	Shale and sandstone as above with fair trace gray-tan, gray-brown, firm, blocky dolomite to limy shale.
3880-3900	Limestone, tan to brown, crypto to micro-xln, micro-fragment, slightly fossil argillaceous dem, tite with interbedded thin streaks of brown shale, trace ostracods, trace irredescent, fossil shale, fragment.
3900-3920	Interbedded limestone, dolomitic limestone, tan to brown, crypto to micro-xln, slightly fossil, argillaceous and shale, brown, gray-brown, very dolomitic, very firm trace ostracods, and irredescent fossil shell fragment, trace grey-green, light gray, firm, shale, with interbedded white, very fine grained sandstone.
3920-3940	Shale, light to dark gray, firm, blocky, slightly calcareous, with interbedded sandstone, white, very light gray, very fine to fine grained, very calcareous, slightly micro-micaceous, very firm tite.
3940-3960	Limestone tan to brown, crypto to micro-xln, slightly argillaceous, very firm, tite, with trace interbedded brown to tan shale, trace fair gray shale as above trace ostracods.
3960-3970	Limestone as above becoming very argillaceous with increase in shale, gray-tan, tan to brown dolomite to limy, slightly fossil with trace ostracods, trace gray, gray-green, shale.
3970-3980	Dolomitic limestone, limestone, cream-tan, tan, brown, crypto to micro-xln, calcarenitic very slightly ostracodal firm, tite with argillaceous inclusions, trace gay-green, gray shale with scattered very silty and sandy streaks.
3980-4000	Dolomitic limestone, limestone, as above becoming micro-fragment, fossil with very ostracodal trace very light amber chert, trace grey, gray-green, shale with trace sandstone, white, very fine to fine grained, calcareous.
4000-4020	Limestone, dolomitic limestone, cream-tan, tan, crypto to micro xln, argillaceous dem tite with very scattered trace brown oil stain along frac. fair trace shale brown, gray-tan, very calcareous ostracodal, scattered very light amber chert and silic streaks, trace irredescent fossil shell fragment.
4020-4030	Shale, gray-brown, gray-tan, gray-tan, firm, blocky, limy to dolomite, with ostracodal streaks.

4030-4050 Limestone cream-tan, very light tan, tan, micro-xln and fragment, slightly calcarenitic, ostracodal, slightly oolitic trace very poor inter fragment and xln porosity, trace gray-brown green-tan, dolomite, blocky to splintery shale.

4050-4070 Shale light gray, light gray-green, firm, blocky slightly calcareous, with very silty and sandy streaks, trace shale as above.

4070-4090 Shale, light gray, gray-green, firm, sub-fissle slightly calcareous, with trace siltstone, sandstone white very light gray, very fine to fine grained, calcareous, fair trace cavings, brown to tan dolomitic shale and limestone.

4090-4095 Shale, light gray, gray-green, red-green, rusty red, meta-bentonite, firm, blocky with scattered silty streaks considerable cavings.

4095-4100 Shale as above.

4100-

4140-4200 Shale, very light gray, gray, gray-green, green-red, purple-red, red-brown, yellow-brown, meta-bentonite, firm blocky scattered trace silty streaks, trace white succrosic gypsum.

4200-4210 Shale, light gray, gray, gray-green, green, green-red, purple-red, red@brown, yellow-brown, purple, meta-bentonite with silty streaks, very scattered sandy inclusions, trace gypsum.

4210-4220 Shale as above with good trace sandstone, white, very light green-white, fine to medium grained, angular to sub-rounded, clear frosted with occasional trace very light pink very light orange quartz grains, trace gray, tan chert greens trace green pseudo-glauconite trace micaceous, with trace purple shaly inclusions.

4220-4250 Shale as above with trace sandstone.

4250-4270 Shale as above with considerable light red-brown very silty shale.

4270-4290 Siltstone, sandstone, very light green-white, very light green-gray, very light purple-gray, fine to medium grained angular to sub-rounded, clear frosted with occasional trace very light pink, very light orange quartz grains, trace light gray-gray-tan, chert grains, slightly calcareous slightly micaceous (chlorite) trace green interstitial clay.

4290-4300 Shale varicolored, meta-bentonite firm, with trace siltstone, and sandstone.

4300-4320 Shale varicolored, meta-bentonite, firm, blocky with fair trace siltstone, sandstone white, light gray very light purple-gray, fine to medium grained angular to sub-rounded, clear frosted with occasional very light pink very light orange quartz grains trace light gray, chert grains, trace green mica, slightly calcareous argillaceous firm, tite, trace varicolored limestone nodules.

4320-4330 Shale as above with white trace siltstone and sandstone.

4330-4350	Shale as above with fair trace silty, light rusty-brown shale with scattered very sandy streaks.
4350-4400	Shale as above with scattered silty and sandy inclusions.
4400-4450	Shale, light green-gray, gray, gray-red, rusty-red, purple-red, yellow-brown, meta-bentonite, firm, blocky with trace interbedded siltstone and sandstone streaks, very light gray very light green-white, very light purple-gray, very fine to fine grained, trace gypsum.
4450-4460	Shalek varicolored with slightly increase in siltstone, sandstone.
4460-4470	Sandstone, very light gray-white, very light green-white, fine to medium grained, angular to sub-angular clear frosted, with occasional very light pink very light orange quartz grains, weak trace tan to gray chert grains, trace green mica, slightly calcareous kaolinitic, firm tite fair trace varicolored shale.
4570-4500	Shale varicolored with very scattered silty and sandy streaks.
4500-4550	Shale varicolored meta-bentonite firm, blocky with thin interbedded siltstone and sandstone stringers.
4550-4560	Shale as above with fair trace sandstone very light gray, very light green-gray, very light green-white, very fine to fine grained, slightly micro-micaceous slightly calcareous, slightly argillaceous firm tite.
4560-4580	Sandstone, very light green-white, very light green-gray, fine to medium grained, angular to sub-rounded, clear frosted, with occasional very light pink and orange quartz grains, trace light gray chert, green-mica, slightly calcareous kaolinitic to argillaceous firm tite, no show in mud or samples.
4580-4600	Shale varicolored with trace siltstone, sandstone.
4600-4620	Siltstone, sandstone white, very light gray, very light green-white, fine to medium grained, angular to sub-rounded, clear frosted with occasional trace pink to light orange quartz grains, trace black, green accessory mineral trace mica trace green interstitial clay slightly calcareous slightly kaolinitic firm, tite no gas in samples 4 unit methane kick from mud, trace varicolored shale.
4620-4680	Shale varicolored meta-bentonite firm, blocky with very silty and sandy streaks, trace very light gray-green, fine grained, slandstone.
4680-4700	Sandstone, very light gray-white, very light gray, fine to medium grained, angular to sub-rounded, clear, frosted occasional light orange and pink quartz grains, with occasional gray to black chert grains, trace mica, trace very light green interstitial clay, slightly kaolinitic, slightly calcareous, trace varicolored shale not show in mud or sample.

4700-4800	Shale light green, light gray-green, very light gray, light red-gray, rusty-red, purple-red, yellow-red, purple meta-bentonite firm, blocky, with scattered silty and sandy streaks.
4800-4810	Shale varicolored predominate gray-green, with interbedded silty and sandy streaks.
4810-4820	Shale as above with fair trace sandstone, very light gray, very light green-white, fine to medium grained, slightly micaceous, slightly calcareous kaolinitic firm tite, 8 unit gas kick from mud. None from sample.
4820-4860	Shale, varicolored as above with trace siltstone and sandstone trace varicolored limestone.
4860-4870	Shale varicolored as above with fair trace siltstone, very light gray-green, firm, slibht calcareous argillaceous, trace sandstone white, fine to medium grained, slightly calcareous, kaolinitic.
4870-4900	Shale, red-brown; purple-gray, with trace gray-green, firm, splintery to blocky fair trace green siltstone.
4900-4950	Shale, red-brown, purple-red, gray-red, gray-green, light gray, yellow-red, meta-bentonite, very firm, sub-splintery to blocky, slightly calcareous with very scattered silty streaks trace varicolored limestone nodules.
4950-4980	Shale as above with siltstone, sandstone, very light very light green-white, fine to medium grained, angular to sub-rounded clear frosted with trace very light pink and orange quartz grains, trace light gray and black chert grains, trace green mica, slightly kaolinitic, slightly calcareous, firm, tite, no fluorescence, no cut with CC/4.
4980-5000	Shale, red-brown, purple-red, light gray-green, light gray, firm, blocky, sub-splintery, trace limestone nodules.
5000-5030	Shale red-brown, purple-red, light green-red, light gray red, light yellow-red, light gray-green, light gray, firm, blocky sub splintery very scattered trace silty inclusions.
5030-5040	Shale as above with trace sandstone, very light gray, very light green-white, fine to medium grained, trace black and green accessory mineral, slightly calcareous, slightly kaoliniti firm, tite.
5040-5060	Shale as above.
5060-5100	Shale as above with very fair trace siltstone, sandstone very light gray, very light gray-green, very light green-white, very fine to medium grained, slightly calcareous, slightly kaolinitic
5100-5200	Shale varicolored, with very scattered silty inclusions occasiona. scattered trace sandstone, white fine to medium grained, kaolinitic, slightly calcareous.
5200-5210	Shale, red-brown, yellow-brown, yellow-red, green-red, purple-red, gray, gray-green, green, meta-bentonite firm, blocky, with very scattered silty streaks.
5210-5250	Shale as above with increase silty streaks, trace white succ-rosic gypsum.

525005260	Shale as above with fair trace sandstone, white, very light green-gray, slightly salt and pepper, fine to medium grained, slightly calcareous, kaolinitic, very firm tite.
5260-5280	Shale as above with very scattered silty and sandy streaks.
5280-5300	Shale as above with trace sandstone, light green-gray, very fine to medium grained, slightly calcareous kaolinitic hard tite.
5300-5320	Sandstone, light gray, light tan-gray, fine to medium grained, angular to sub-rounded, trace gray, black and green accessory mineral with very limy with copious amount varicolored shale as above trace very light tan, crypto xln, limestone.
5320-5330	Shale as above with trace very dark gray carbonaceous shale.
5330-5340	Shale as above with considerable siltstone, light gray very light green-gray, weak trace sandstone.
5340-5350	Sandstone, very light gray-white, very light green-white, very slightly salt and pepper, fine to medium grained, angular to sub-rounded, clear frosted with occasional light pink, very light orange, very light amber quartz grains, with scattered light gray, to black ehert grains, very calcareous, slightly kaolinitic very hard tite trace shale as above.
5350-5370	Shale as above with scattered silty streaks.
5370-5380	Shale as above with fair trace siltstone, sandstone, very light green-gray, very light gray, very fine to fine grained, slightly argillaceous.
5380-5400	Siltstone, sandstone, very light gray, very light green-gray, very light green-white, very fine to fine to medium grained, calcareous slightly kaolintic, very firm tite, with fair trace shale as above.
5400-5420	Sandstone, white, very light gray, slightly salt and pepper, fine to medium grained, angular to sub-rounded, clear frosted, with light pink, orange and amber quartz grains, weak trace gray to black chert, calcareous, slightly kaolinitic, trace green interstitial clay firm to friable trace shale varicolored.
5420-5470	Shale varicolored with trace siltstone and sandstone.
5470-5495	Sandstone, very light gray-white, slightly salt and pepper, very fine to fine to medium grained, angular to sub-rounded, clear frosted, with very light pink, very light orange amber quartz grains, trace gray to black chert grains, calcareous, slightly kaolintic, trace black carbonaceous flecks, weak trace coal along veinlets, no fluorescence, 46 units gas kick in mud, 3 units from samples.
5495-5500	Shale, varicolored with trace sandstone as above.
5500-5525	Shale varicolored meta-bentonite, firm, blocky to sub-fissle, with scattered silty and sandy stringers.

Totald Depth Driller 5525'
Total Depth Schlumberger 5536'

Sael [illegible]

May 4, 1964

DeKalb Agricultural Association, Inc.
P. O. Box 523
Vernal, Utah

Gentlemen:

Enclosed please find approved copies to plug and abandon Well No's Ute Trail 2, 8, 9, 11-X and 14. Approval is conditional upon sufficient cement having been set for the intermediate strings involved, to adequately cover the water bearing strata encountered between 1000'-3000'.

If the calculated fill-up of cement does not cover these subsurface aquifers, then it is recommended that the production string be pulled and the intermediate casing perforated and squeezed in such a manner as to isolate the brown oil shale zone which occurs at a depth of approximately 1500'.

Please advise this office as to what steps you feel are necessary with respect to this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:cnp

cc: George Brown, Acting Dist. Eng.,
U. S. Geological Survey - Salt Lake City, Utah

H. L. Coonts, Petroleum Engineer
Oil & Gas Conservation Commission - Moab, Utah

Copy NMC

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

PMB

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR: DeKalb Agric. Assoc. Inc.

3. ADDRESS OF OPERATOR: P.O. Box 523, Vernal, Utah

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1996 ft. SNL, 1335 ft. WEL Sec. 13

5. LEASE DESIGNATION AND SERIAL NO.: U-08512

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Ute Trail Unit

8. FARM OR LEASE NAME: Ute Trail

9. WELL NO.: 14

10. FIELD AND POOL, OR WILDCAT: Bitter Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 13, T-10-S, R-22-E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5321 D.F.

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	X	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

It is intended to abandon this well along the following General Program: Move over well with pulling unit pull tubing, run cast iron retainer, set retainer @ 5200' squeeze Wasatch perforations pull tubing, perforate & squeeze opposite Green River formation @ 1900', cap 5½" csg. W/100' cement plug, with a final plug of 100 SXS squeezed between casings.

DETAILED PLUGGING PROGRAM

I. Squeeze across Wasatch perforations W/150 SXS cement & 20 SXS cement plug on top of retainer from 5200-5000'.
II. Perforate csg. @ 1900', set cast iron retainer @ 1800' squeeze through perforations W/100 SXS cement.
III. Set 100' cement plug from 100-0'
IV. Squeeze between 5½ and 10 3/4 casing W/100 SXS.
V. Set Iron Location marker minimum 4' X 4" above grd. level, clean level and abandon location.

Remarks 1. Production data & Well history previously submitted.
2. Disregard previous submittal dated April 23, 1964

APPROVED BY UTAH OIL AND GAS CONSERVATION COMMISSION

DATE: 6/15/64 By Paul W. Burchell
CHIEF PETROLEUM ENGINEER

18. I hereby certify that the foregoing is true and correct

SIGNED B. F. Baldock TITLE Production-Drilling Supt. DATE June 12, 1964

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

DEKALB

Agricultural Association Inc.
COMMERCIAL PRODUCERS AND DISTRIBUTORS OF AGRICULTURAL PRODUCTS

U. S. Oil Division
P. O. BOX 523
VERNAL, UTAH
TELEPHONE 1073

June 13, 1964

Mr. Paul W. Burchell
The State of Utah
Oil and Gas Conservation Commission
310 New House Building 10 Exchange Place
Salt Lake City, Utah

Re: Abandomen DeKalb's Ute Trail Unit
Wells Sun #2, Ute 4, 8, 9 & 14

Dear Sir:

Attached please find three copies each of U.S.G.S. form 9-331, Sundry Notice of intention to abandon the above referred to wells.

Referance is made to your letter of May 4, 1964 concerned with isolation of the Greenriver Formation. After throughly discussing the matter with our chief engineer, Mr. C.M. Heglin and the U.S.G.S. we have modified our plugging program to give adequate protection to the zones in question.

We request that you disregard our previous submittal on Form 9-331a dated April 23 and May 11, and base your approval on the attached program.

With referance to the Ute Trail unit #2, this well has been assigned to the U.S. Government as a water well and will be plugged as previously submitted. Also we propose to plug the Ute Trail Unit 11-X as previously submitted, as we plan to leave the intermediate casing in the well, consequently the Greenriver section will be adequately protected by the present plugging program and primary cement.

Upon receipt of approval we wish to begin plugging operations at once, we request that you give this matter prompt consideration. In the event you wish to witness the plugging of these wells we will be pleased to notify you of the exact starting date.

Very truly yours,

DEKALB AGRIC. ASSOC. INC.

J.F. Tadlock

J.F. TADLOCK
Production-Drilling Supt.

JFT/ns

C.C. Mr. C.M. Heglin, Chief Engineer
DeKalb Petroleum

U.S.G.S., Mr. Rodney Smith, Dist. Engineer

Copy file

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: U-08512

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME: Ute Trail

2. NAME OF OPERATOR: DeKalb Agric. Assoc., Inc.

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: P. O. Box 523

9. WELL NO.: 14

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1996 FNL, 1335 FEL Sec. 13

10. FIELD AND POOL, OR WILDCAT: Bitter Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 13 T-10-S, R-22-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5321 D.F.

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	X
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

7-14-64 to 7-16-64 Moved over well W/ pulling unit pull tubing, ran Howco D.C. retainer set @ 5010' cemt. across Wasatch perfs. 5483-5498 W/ 135 SXS, drop bridging spear, spot 15 SXS on top of tool from 5010-4810', perforated oposite Green River W/ 4 csg. jets/ft 1900'-1902', set Howco D.C. retainer @ 1730' squeeze across Green River W/ 150 SXS poz-mix, cemented between 10 3/4" & 5½" csg. W/ 100 SXS W/ 1090 Gel, 25#/SX gilsonite, ½lb. Flo-cele/SX & 2% CACL. Cap 5½" csg. from 100-0' W/ 10 SXS, set location marker prep to clean level and abandon location.

Detail of Plugging Operations

I. Plug # 1 135 SXS across Wasatch perfs. 5483-5498, W/200' 15SXS plug on top of tool from 5010'-4810'.

II. Plug # 2 perforate 1900-1902' set tool @ 1730' squeeze across Green River W/ 150 SXS.

III. Plug # 3 cement between 10 3/4" & 5½" csg. W/ 100 SXS W/ 25#/SX gilsonite 10% Gel. ½ lb. Flo-cele and 2% CACL.

IV. Cap 5½" W/ 10 SXS 100'-0'.

18. I hereby certify that the foregoing is true and correct

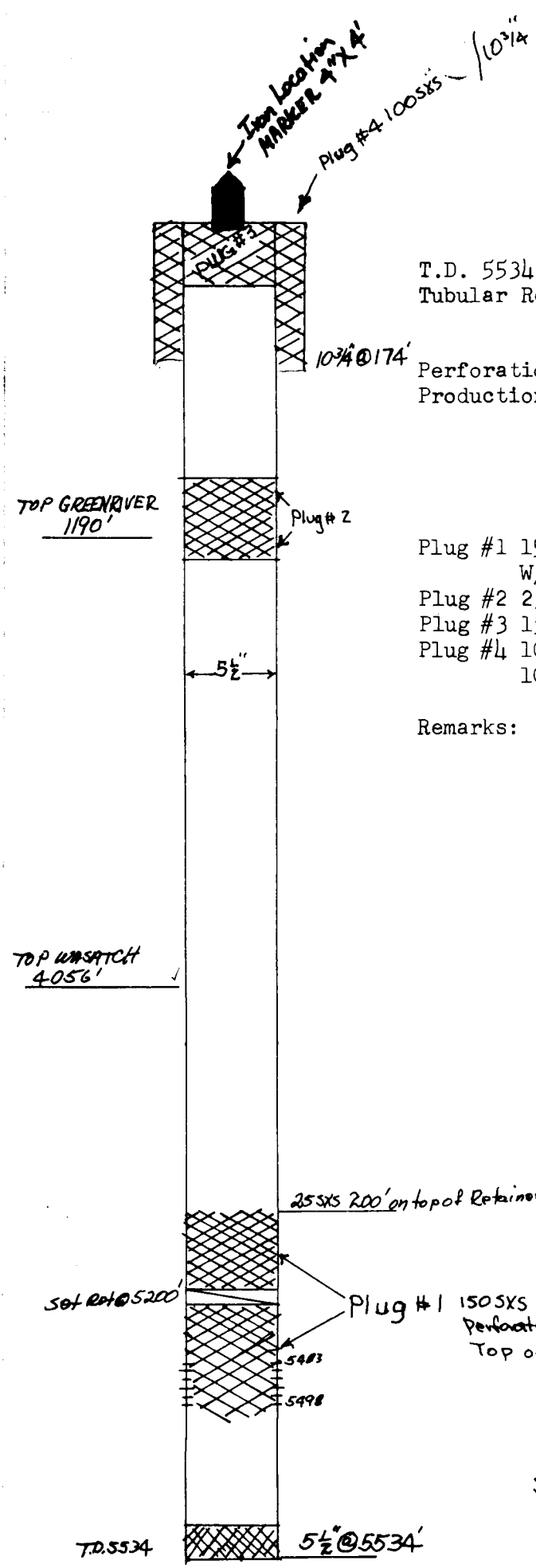
SIGNED J. F. Gadlock TITLE Production-Drilling Supt. DATE 8/5/64

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



DATA SHEET
AND ABANDOMENT PROGRAM
UTE TRAIL UNIT #14
NE 13-10S-22E

T.D. 5534
Tubular Record: 10 3/4" 32.75# H-40 set @ 174' W/150 SXS.
$5\frac{1}{2}$" 15:50# J-55 set @ 5534' W/350 SXS.
2 3/8" 4.7# J-55 set @ 5291'.
Perforations: Wasatch 5483-5498
Production Data: Initial production rate 120 MCF/D
Last production rate 26 MCF/D
Cumulative production 8 months 15,580 MCF

Proposed Plugging Program

Plug #1 150 SXS Reg. squeezed across perforations leave retainer W/25 SXS cement on top of retainer 200 ft. cemt. plug.
Plug #2 25 SXS reg cement 1200-1000'
Plug #3 15 SXS reg cement 100-0'
Plug #4 100 SXS reg cement, casing head squeeze between $5\frac{1}{2}$" & 10 3/4".

Remarks: Minimum of location work, however some road repair is necessary to move in pulling unit. No Artesian water flow on this well.

This well is no longer capable of Producing gas in economic quanity.

DEKALB AGRICULTURE ASS'N INC.

J.F. Tadlock
Prod. Drilling Superintendent

SCALE - NONE
J.F.T. 4-1-64